

# Department of Resources Recycling and Recovery

## Alternative Methodology: Glass Cleaning

April 30, 2012

# **Recap of previous workshops (on November 9, 2011 and January 18, 2012)**

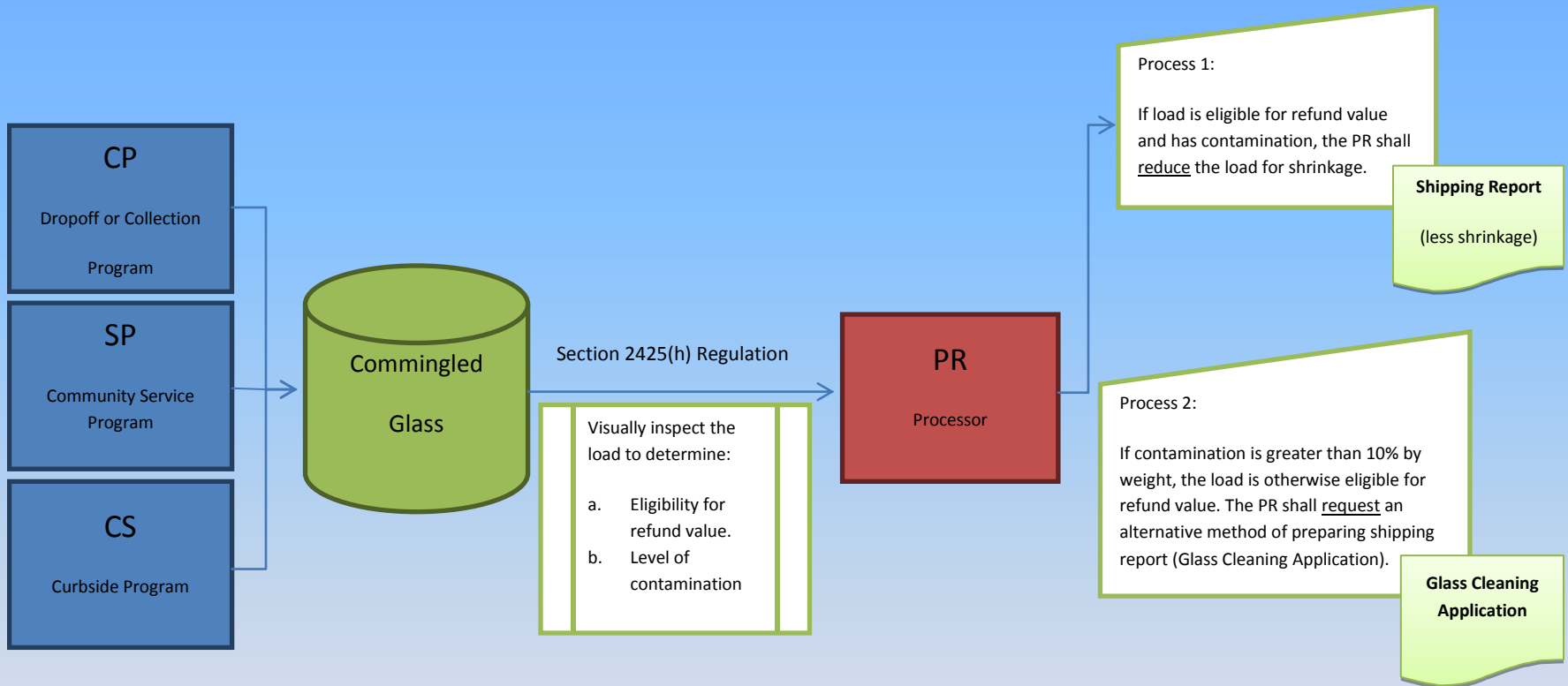
# PR Reporting and Cancellation

- **Requirement:** PRs “initially” receiving materials from RC, CS, CP, and SP shall prepare shipping report and cancel materials. The first PR to receive materials is responsible for cancellation.
- **CCR Section 2425:** “The processor initially receiving material... shall prepare and submit to the Division the report described in this section.”

# Glass Cancellation

- **CCR Section 2000(a)(4)(B):** "Glass empty beverage containers shall be deemed cancelled when such containers have been substantially cleaned of non-glass contaminants and they are crushed size in such a manner as to be acceptable without further processing by a willing user.
- **CCR Section 2000(a)(4)(F)(2):** "glass beverage containers are delivered to a location of end use, which includes a beneficiating processor."

# Section 2425(h)



# Glass Cleaning Application

**If you are receiving loads of glass beverage container material (BCM) with greater than ten percent (10%) contamination by weight AND can clean or process glass BCM loads to less than ten percent (10%) contamination by weight, complete section "A".**

# Glass Cleaning Application

**If you are receiving loads of glass beverage container material (BCM) with greater than ten percent (10%) contamination by weight AND cannot clean or process glass BCM loads to less than ten percent (10%) contamination by weight, complete section "B".**

# Glass Cleaning Application

Here is a link to Glass Cleaning Application:

<http://www.calrecycle.ca.gov/BevContainer/Processors/CalRecycle742.pdf>

**OR**

- [www.calrecycle.ca.gov](http://www.calrecycle.ca.gov)
- Beverage Container
- Processors
- Alternative Methodology
- Glass Cleaning Methodology Application



# Today's Workshop

Is dedicated to responding to previous workshop concerns/suggestions by presenting our proposed regulation revisions.

# Today's Workshop

- Section 2000(a)(4)(B)
- Section 2425(h)
- Definition of Glass Fines
- ASTM Standard
- ADC or Road Base

# Proposed Regulation Revisions

- Underline – means proposed additional texts.
- Strikeout – means proposed removal of texts.

# Section 2000(a)(4)(B)

Glass empty beverage containers shall be deemed cancelled when such containers have been substantially cleaned of non-glass contaminants in accordance with the specifications set forth in Section 2425(h) and they are crushed size in such a manner as to be acceptable without further processing by a willing user at a location of end use, which includes a beneficiating processor.

# Location of End Use

**CCR Section 2000(a)(29):** “‘Location of End Use’ means the place where beverage containers or materials are physically reconstituted for purposes other than sorting, shredding, stripping, compressing, storing, landfilling, disposing, or other activities which do not result in recycling.”

# Section 2425(h)

Processors purchasing commingled glass from a certified dropoff or collection program including a “waste reduction facility”, a certified community service program, or a registered curbside program, shall visually inspect every load delivered to determine eligibility of refund value and the level of contamination in the load.

# Section 2425(h)

If a load presented to a processor is eligible for refund value and has residual or other contamination, the processor shall reduce the load for shrinkage. The residual and other contamination shall be measured at least once per month to determine an accurate level of contamination and shall be subject to verification by the Department. For purposes of this section, glass fines used in the redemption weight shall be less than 1/4" (inch) in size.

# Section 2425(h)

If a load has a residual or other contamination level of greater than 10% by weight, and the load is otherwise eligible for refund value, the receiving processor shall request an alternative method of preparing the shipping report for payment. The Division shall consider each proposed alternative method and issue a written approval or denial within forty-five (45) calendar days.



# Section 2425(h)(1)

In order for the alternative method to be accepted, it must:

(A) Be based on a recycled glass cleaning process ~~which meets the American Society for Testing and Materials standard specification for the waste glass as a raw material for the manufacture of glass as specified in Section 2000(a)(3.1)(A).~~

# Section 2425(h)(1)

In order for the alternative method to be accepted, it must:

(A) Be based on a recycled glass cleaning process performed by the processor, or another entity authorized by the processor to perform the glass cleaning process on its behalf, that produces cullet that meets all of the following requirements:

# Section 2425(h)(1)(A)

1. Produces glass which is acceptable to a willing user at a location of end use, which includes a beneficiating processor; and
2. Results in glass cleaned to a shrinkage level of 10% or less by weight.

# Section 2425(h)(1)(B)

Clearly state:

1. That the received weight, for beverage container redemption purposes, shall be determined from the cullet produced in (A) above.
2. That the actual contamination level determined during the testing shall be used as the shrinkage percentage on the shipping report to reduce the received weight.

# Section 2425(h)(1)(B)

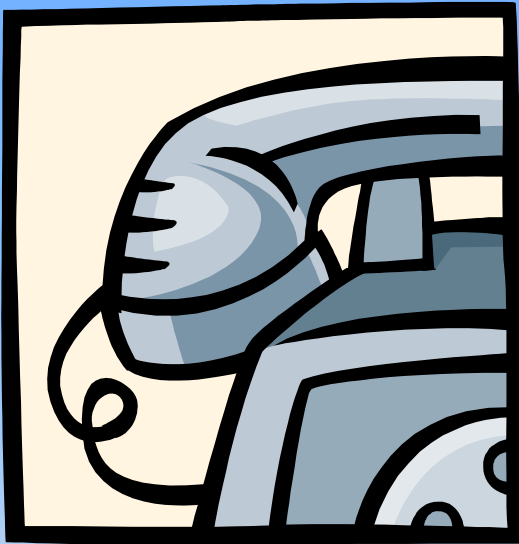
- 2 3. That the redemption weight shall be determined using the applicable commingled rates and the received weight from 1.
- 3 4. That, if a sampling procedure will be used to determine the received weight of contaminated loads from each entity, the sampling procedure must be included with the request for an alternative method of preparing the shipping report.

# ADC or Road Base

Is not defined anywhere in the regulations as an acceptable form of recycling; therefore, we do not consider this a form of or result in recycling.

**Questions?**  
**Feedback**

# Contact information



- CalRecycle  
Recycling Program Operations  
Branch  
Market Information Section
- 916-323-2271
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- <http://www.calrecycle.ca.gov/>